

Abstract

A rotating and sitting-up bed is assembled from a height-adjustable base and a support frame, which is connected to the base by means of a rotating articulated element. The support frame can be rotated by 90 degrees relative to the vertical axis with the help of the rotating articulated element.

The support frame is divided into a back section, a center section, a thigh section, and a lower-leg section. In the rotated position, the support frame can fold into a Z shape, wherein the back part projects upwards starting from the center section and the lower-leg part hangs downwards from the thigh part. In addition, a crank mechanism ensures that the thigh part is raised by a few cm at its front edge, which is adjacent to the back of the knee of the patient.